



# AOUACHE MOHAMED

## SOFTWARE ENGINEER

Hi, I'm Mohamed Aouache, Junior Software Engineer and founder of DevSec Studio. I specialize in desktop development, also web application.

I'm particularly passionate about C++/Qt and PHP/Symfony technologies, as well as the Qt library from Qt Creator.

## EXPERIENCE



### LIRMM – MONTPELLIER, FRANCE

SOFTWARE ENGINEER

2022 - 2024

- Development and integration of software extensions to enhance the functionality of software used in research and training.
- Management of repositories on Git, ensuring synchronization of different versions, installation of updates and facilitating collaboration between the different groups involved in the project.



### PROFESSIONAL PROJECT – MONTPELLIER, FRANCE

ANALYST & DEVELOPER C++/PHP

2017 - 2021

- Creation of software editor "Qss Engine" to manage templates for Qt projects. Exporting templates in Winrar files and publishing them on the DevSec Studio site based on PHP/Symfony for template downloads, with subscribe to newsletters and contact form management.



### LAOVILAND EXPERIENCE – NAUSSARGUES, FRANCE

ANALYST & DEVELOPER C++/QT

2015

- Image analysis and processing, Creation of a software (plugin at the beginning) for printing HD and UHD images.



### UBISOFT GAME CHALLENGE – MONTPELLIER, FRANCE

GAME DESIGNER/LEVEL DESIGNER C#

2013 - 2015

- Creation of a game in 48 hours by respecting the constraints given by the judges.



### UNIVERSITY OF MONTPELLIER 2 – MONTPELLIER, FRANCE

SIF AGENT

2013

- Help students to create their SIF account on linux (Cent OS).
- Report computer problems and Fix network related problems.



### GROUP HEITC & ISFLT – TAZA, MOROCCO

ANALYST & DEVELOPER DOT.NET (VB.NET)

2009 - 2010

- Creation of an application to manage the data of these two private schools, writing of the functional specifications, concept of the database (SQL), and also creation of the setup file.

## EDUCATION



### UNIVERSITY OF MONTPELLIER - MONTPELLIER, FRANCE

IT LAW - CAPACITY OF LAW

2016 - 2017



### UNIVERSITY OF MONTPELLIER 2 - MONTPELLIER, FRANCE

MASTER'S DEGREE 2 PRO - IMAGINA (IMAGES, GAMES, INTELLIGENT AGENT)

2015



### UNIVERSITY OF MONTPELLIER 2 - MONTPELLIER, FRANCE

BACHELOR'S DEGREE 3

2012



### HIGHER INSTITUTE OF APPLIED TECHNOLOGY (HIAT) - TAZA, MOROCCO

BACHELOR'S DEGREE 2 - TECHNICIAN IN COMPUTER DEVELOPMENT AND COMPUTER GRAPHICS

2009

## French Nationality

Montpellier, France

+ 33 6 01 08 16 90

maouache@gmail.com

Aouache.wixsite.com/portfolio

## LANGUAGES

French  
Native

Arabic  
Business fluent

English  
Proficient

Japanese  
Beginner

## SOFT SKILLS

Communication Teamwork Creativity  
Flexibility Problem Solving Confidence  
Self-management Self-taught

## TECHNICAL (IT) SKILLS

- Tools:**  
Qt Creator, CodeBlocks, SmartGit, Vs Code, Composer, Gem5, PowerAMC, Unity, Photoshop, After Effect, Dreamweaver, Gimp WampServer, VirtualBox, Trello, Wordpress, GitLab,
- Languages:**  
C, C++, C#, VB.Net, Python, C#, PHP, Java, JS, UML, Merise
- Database Management:**  
SQL Server, MS Access, MySQL, SQLLites
- FrameWorks:**  
Qt, Symfony, Bootstrap, Swing, Tensorflow
- OS:**  
Windows, Linux, Mac OS

## INTERESTS

Artificial Intelligence Video Games  
E-Sport Traveling